

Fig. 1

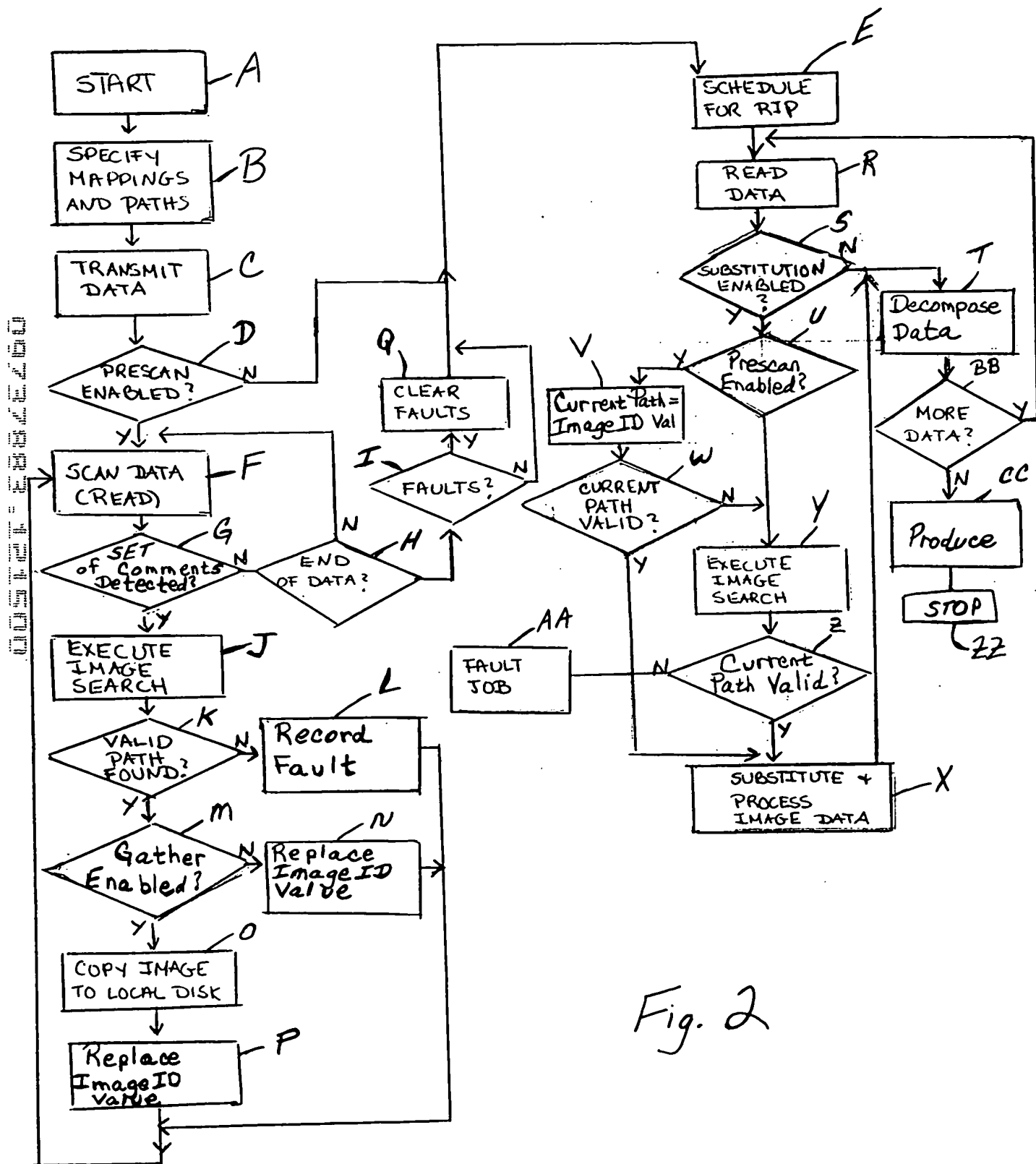


Fig. 2

```

graph TD
    DD1[START] --> DD2{Image ID Available?}
    DD2 -- Y --> DD3[Current Comment = Image ID  
Current Path = Image ID value]
    DD2 -- N --> DD14[Current Comment = IMAGEFILENAME  
Current Path = IMAGEFILENAME VALUE]
    DD3 --> DD4[TRY MAPPINGS]
    DD4 --> DD5{CURRENT PATH VALID?}
    DD5 -- Y --> J1(( ))
    DD5 -- N --> DD7[TRY SEARCH PATHS]
    DD7 --> DD8{CURRENT PATH VALID?}
    DD8 -- Y --> J1
    DD8 -- N --> DD9[Current Path = Convert Image ID VALUE]
    DD9 --> DD10{CURRENT PATH VALID?}
    DD10 -- Y --> J1
    DD10 -- N --> DD11[Current Path = Concatenation]
    DD11 --> DD12[TRY MAPPINGS]
    DD12 --> DD13{CURRENT PATH VALID?}
    DD13 -- Y --> J1
    DD13 -- N --> DD14
    DD14 --> DD15[TRY MAPPINGS]
    DD15 --> DD16{CURRENT PATH VALID?}
    DD16 -- Y --> J1
    DD16 -- N --> DD17[TRY SEARCH PATHS]
    DD17 --> DD18{CURRENT PATH VALID?}
    DD18 -- Y --> J1
    DD18 -- N --> DD19[Current Path = CONVERTED IMAGEFILE NAME VALUE]
    DD19 --> DD20[TEST / VALIDITY OF CURRENT PATH]
    DD20 --> DD6[STOP]
    J1 --> DD6
    style J1 width:0px,height:0px
  
```

Fig. 3

00727083-11500

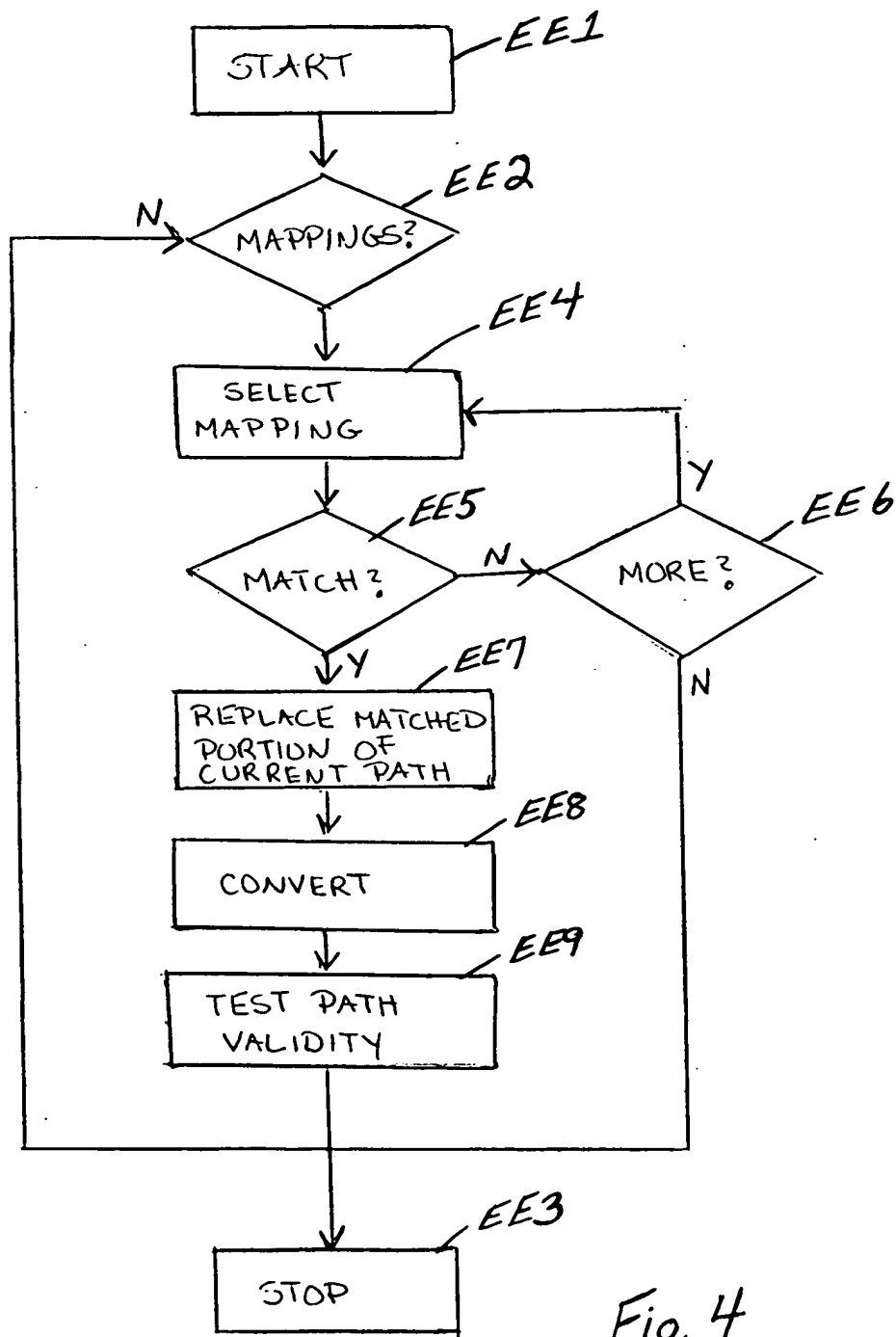


Fig. 4

00737883-121510

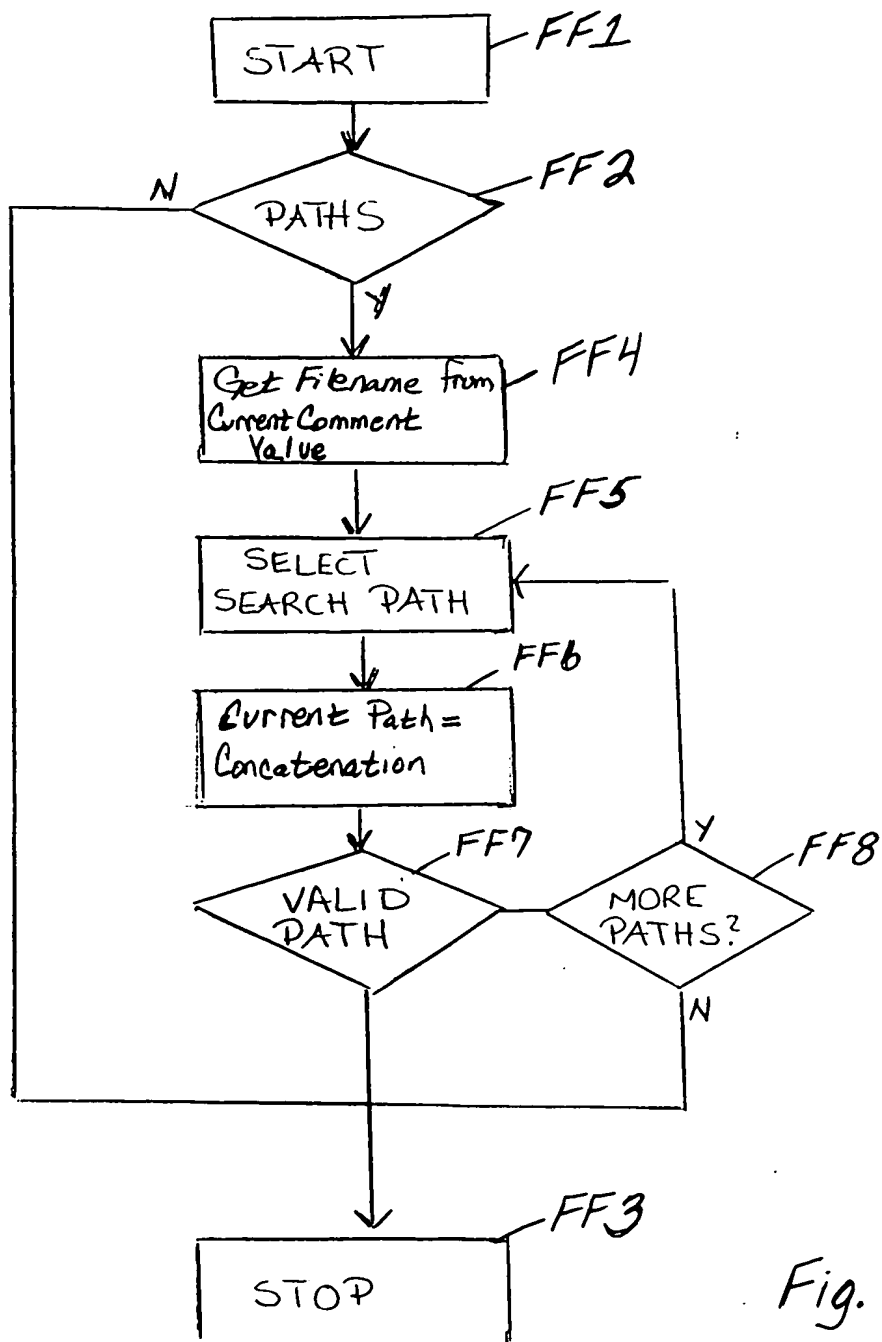


Fig. 5